Post Processing Three-Dimensional Objects Formed By Selective Deposition Modeling Inventors: Kenneth J. Newell, Stephen A. Ruatta, John S. Stockwell Appl. No. To Be Assigned Docket No. 286-2

PROVIDING A TEMPERATURE CONTROLLABLE ENVIRONMENT AT AN INITIAL TEMPERATURE - 14 PLACING THE ARTICLE IN THE TEMPERATURE CONTROLLABLE **ENVIRONMENT** HOLDING THE INITIAL TEMPERATURE UNTIL SUBSTANTIALLY ALL OF THE SUPPORT STRUCTURE IS REMOVED -18 LOWERING THE TEMPERATURE TO JUST ABOVE THE FREEZING POINT OF THE BUILD MATERIAL 20 HOLDING THE TEMPERATURE UNTIL THE TEMPERATURE OF THE **OBJECT SUBSTANTIALLY EQUALIZES** 22 LOWERING THE TEMPERATURE BELOW THE FREEZING POINT AT A RATE WHEREIN A TEMPERATURE DIFFERENTIAL WITHIN THE OBJECT DOES NOT EXCEED ABOUT 5°C

FIG. 1